

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E80473

Employer : WA State Dept. of Social and Health Services

Worksite : Fircrest School

Street : 15230 15th Ave Ne

Jurisdiction : City of Shoreline

Survey Date : 5/9/2017

Survey Type : Paper

Response Rate : 67%

Drive Alone & One-Way VMT Rates at this Worksite

Drive Alone : 89.6%
One-Way VMT per employee : 14.0

Employees and Survey Response Information

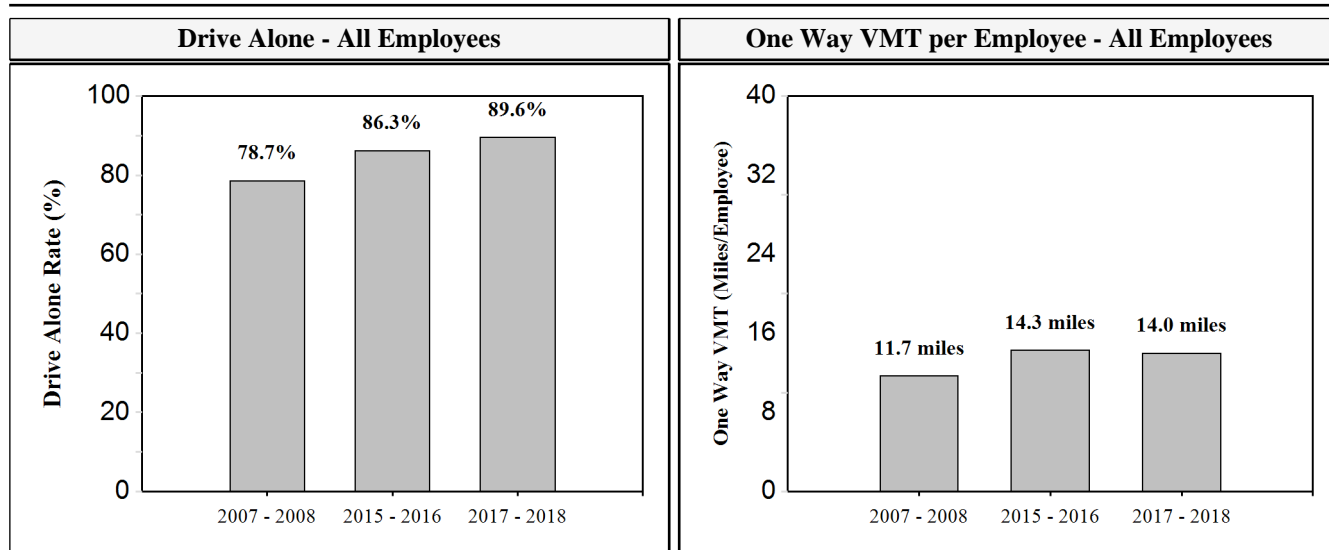
Reported Total Employees at Worksite: 330

Surveys Distributed : 330

Surveys Returned : 221

Surveys Returned by CTR Affected Employees : 144

Total Estimated CTR - Affected Employees at Worksite : 215



Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	78.7%	74.5%	11.7	11.9
2009 - 2010	80.4%	76.8%	11.5	11.7
2011 - 2012	78.0%	76.4%	12.9	13.1
2013 - 2014	80.9%	80.9%	14.7	15.1
2015 - 2016	86.3%	87.5%	14.3	15.6
2017 - 2018	89.6%	89.5%	14.0	13.6
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	13.9%	20.1%	19.7%	14.3%

Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2007 - 2008	2015 - 2016	2015 - 2016 Without Fill In	2017 - 2018	2017 - 2018 Without Fill In
Drive Alone - All Employees*	78.7%	86.3%	82.8%	89.6%	89.1%
Drive Alone - CTR Affected Employees*	74.5%	87.5%	82.0%	89.5%	88.7%
VMT/Employee - All Employees	11.7	14.3	13.9	14.0	13.9
VMT/Employees - CTR Affected Employees	11.9	15.6	14.9	13.6	13.6

* Drive alone rate includes one person motorcycles.

GHG Emissions: Total for Drive Alone, Carpools, Vanpools

Annual Greenhouse Gas Emissions (Metric Tons CO2e) for Roundtrip Commute*

Value	2007 - 2008	2015 - 2016	2017 - 2018
Emissions for Surveyed Employees	1,199	981	632
Estimated Emissions for Total Employment	1,542	1,741	943

* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

Bus Transit Passenger Miles and Rail Transit Passenger Miles*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2007 - 2008	2015 - 2016	2017 - 2018
Bus Annual Passenger Miles - Estimated for Total Employment	136,703	374,348	88,398
Bus Annual Passenger Miles - Surveyed Employees	106,300	210,900	59,200
Ferry Annual Passenger Miles - Estimated for Total Employment	0	66,030	55,995
Ferry Annual Passenger Miles - Surveyed Employees	0	37,200	37,500
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	12,860	0	0
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	10,000	0	0

* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO2e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO2e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO2e emissions per passenger mile for train/light rail/streetcar.

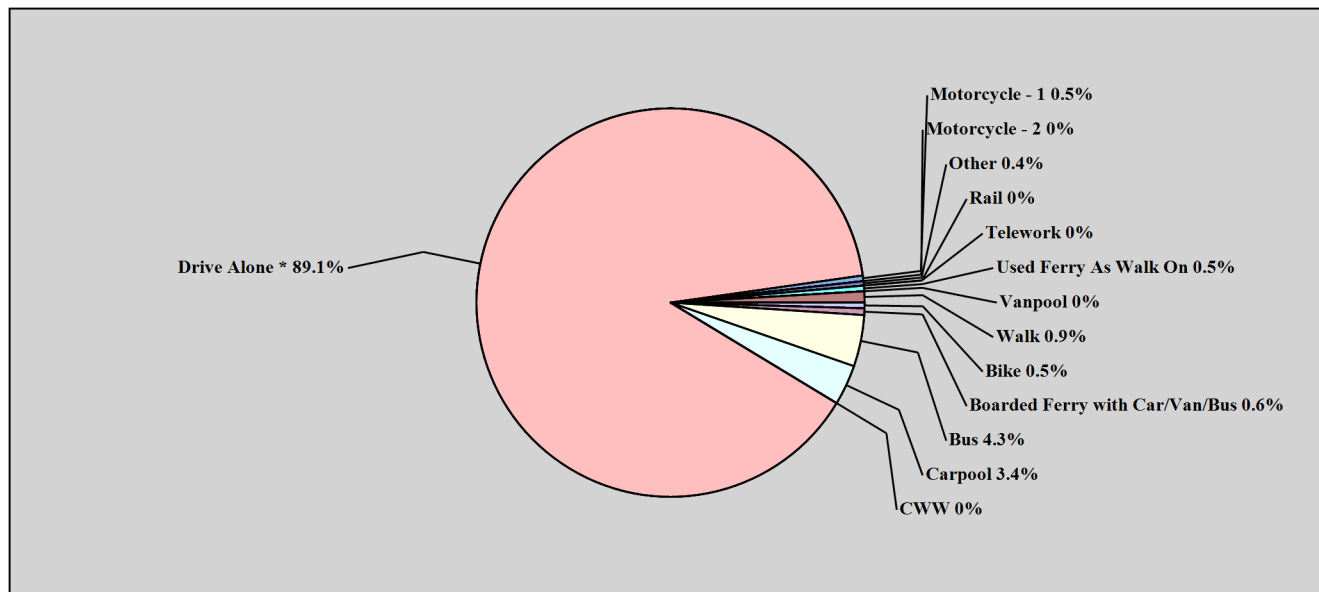
Q3.

One way, how many miles do you commute from home to your usual work location?
Average one-way distance home to work: 21.1 miles

Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



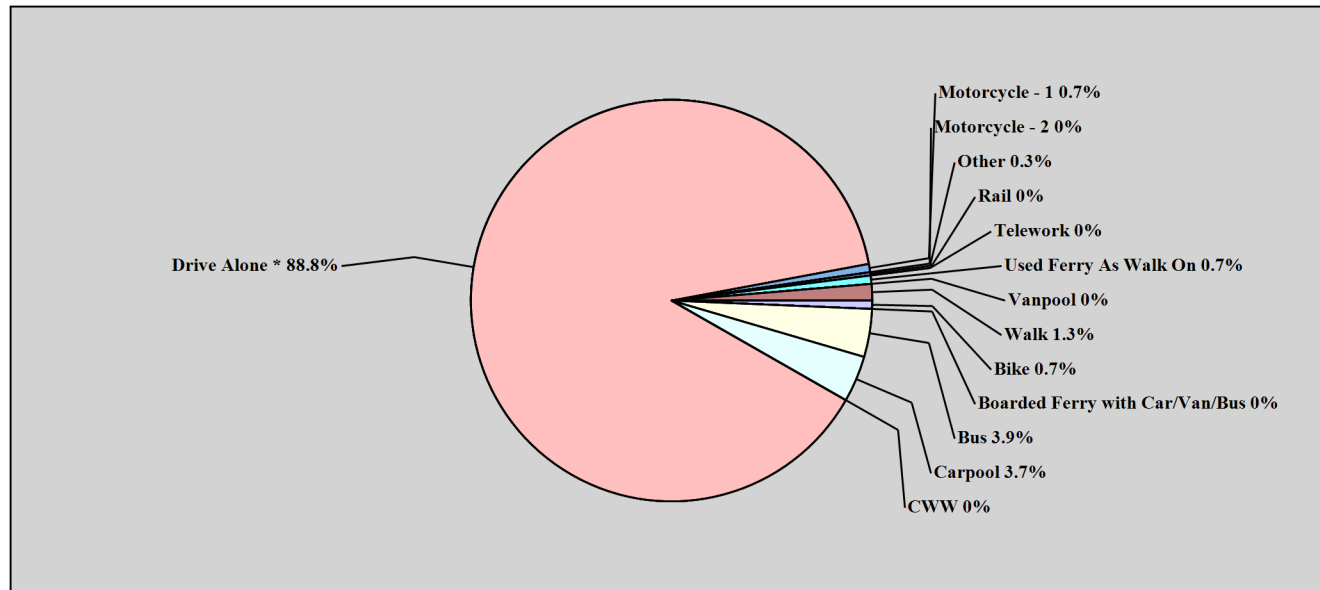
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	957	89.1%	85.6%	189	85.5%	80.0%
Carpool	36	3.4%	5.7%	10	4.5%	8.9%
Vanpool	0	0.0%	0.5%	0	0.0%	0.8%
Motorcycle - 1	5	0.5%	0.7%	1	0.5%	0.8%
Motorcycle - 2	0	0.0%	0.0%	0	0.0%	0.0%
Bus	46	4.3%	4.7%	10	4.5%	6.7%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	5	0.5%	0.2%	1	0.5%	0.8%
Walk	10	0.9%	0.2%	2	0.9%	0.6%
Telework	0	0.0%	0.0%	0	0.0%	0.0%
CWW	0	0.0%	0.3%	0	0.0%	1.1%
Boarded Ferry with Car/Van/Bus	6	0.6%	0.2%	1	0.5%	0.3%
Used Ferry As Walk On	5	0.5%	0.2%	1	0.5%	0.3%
Other	4	0.4%	1.6%	2	0.9%	2.2%

* Drive alone mode includes fill-in, where applicable.

Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	667	88.8%	87.1%	127	88.2%	82.5%
Carpool	28	3.7%	5.1%	7	4.9%	8.7%
Vanpool	0	0.0%	0.7%	0	0.0%	1.5%
Motorcycle - 1	5	0.7%	0.3%	1	0.7%	0.5%
Motorcycle - 2	0	0.0%	0.0%	0	0.0%	0.0%
Bus	29	3.9%	3.4%	6	4.2%	5.8%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	5	0.7%	0.3%	1	0.7%	1.5%
Walk	10	1.3%	0.3%	2	1.4%	1.0%
Telework	0	0.0%	0.0%	0	0.0%	0.0%
CWW	0	0.0%	0.5%	0	0.0%	1.9%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.3%	0	0.0%	0.5%
Used Ferry As Walk On	5	0.7%	0.3%	1	0.7%	0.5%
Other	2	0.3%	1.7%	1	0.7%	2.4%

* Drive alone mode includes fill-in, where applicable.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	195	88%	221	100%
1 Days	1	0%	26	12%
2 Days	2	1%	25	11%
3 Days	3	1%	23	10%
4 Days	4	2%	20	9%
5 Days	14	6%	16	7%
6 or More Days	2	1%	2	1%

Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	146	76%	7	3.6%	7	3.6%	7	3.6%	0	0%	0	0%	3	1.6%	0	0%	19	9.9%
4 days a week (4/10s)	1	7.7%	10	76.9%	1	7.7%	1	7.7%	0	0%	0	0%	0	0%	0	0%	2	15.4%
3 days a week	0	0%	1	50%	1	50%	0	0%	0	0%	0	0%	0	0%	0	0%	1	50%
9 days in 2 weeks (9/80)	1	50%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	50%
7 days in 2 weeks	1	100%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	0	0%	1	33.3%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%

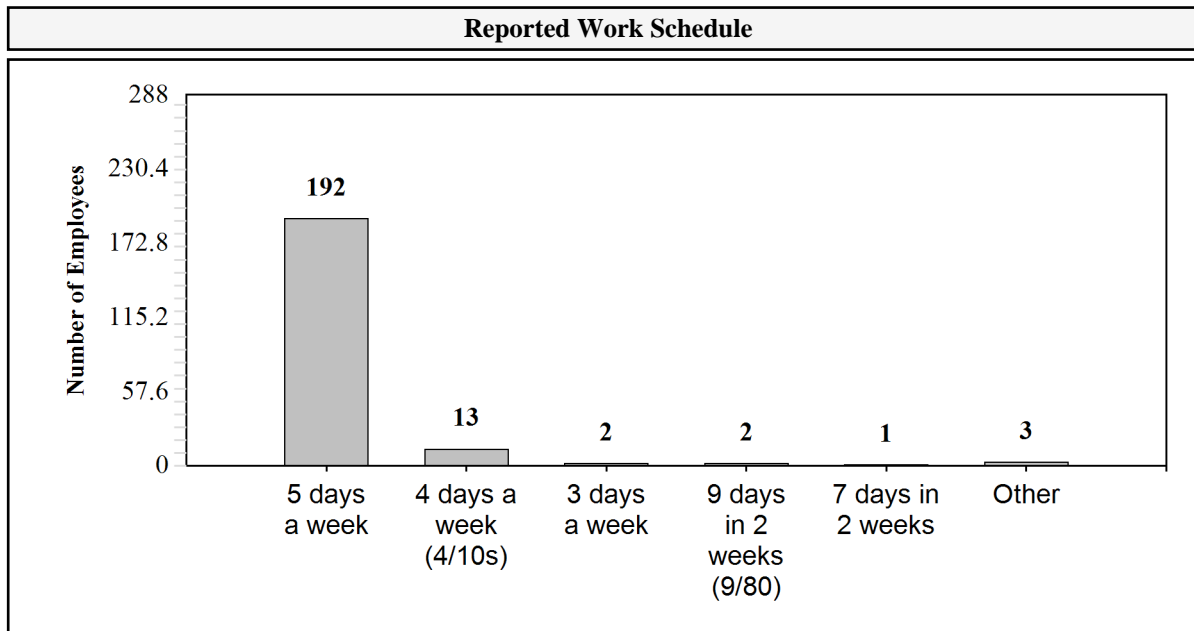
Count by Occupancy of Carpools, Vanpools, and Motorcycles

Q.4b If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	5
2	Motorcycle	0
2	Carpool	36
3	Carpool	0
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	0
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

Reported Work Schedule - All Employees

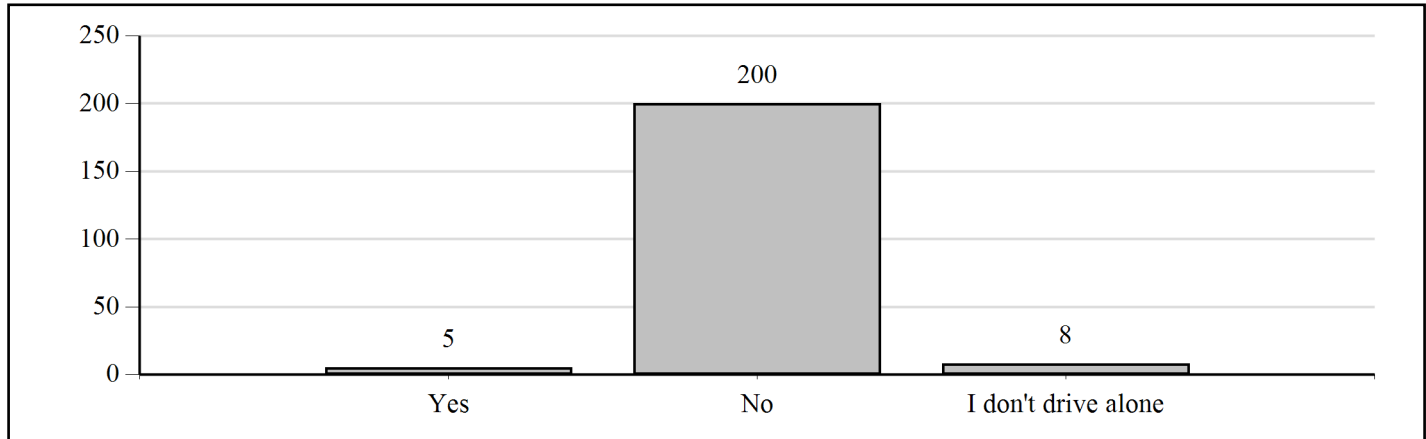
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	192	90.1%
4 days a week (4/10s)	13	6.1%
3 days a week	2	0.9%
9 days in 2 weeks (9/80)	2	0.9%
7 days in 2 weeks	1	0.5%
Other	3	1.4%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	5	2.3%
I don't telework	209	94.6%
Occasionally, on an as-needed basis	5	2.3%
1-2 days/month	0	0.0%
1 day/week	0	0.0%
2 days/week	0	0.0%
3 days/week	2	0.9%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Other	47	18.8%
To save money	45	18.0%
Personal health or well-being	30	12.0%
To save time using the HOV lane	28	11.2%
Environmental and community benefits	24	9.6%
Financial incentives for carpooling, bicycling or walking.	20	8.0%
Driving myself is not an option	15	6.0%
Free or subsidized bus, train, vanpool pass or fare benefit	14	5.6%
Cost of parking or lack of parking	11	4.4%
Emergency ride home is provided	8	3.2%
Preferred/reserved carpool/vanpool parking is provided	6	2.4%
I have the option of teleworking	1	0.4%
I receive a financial incentive for giving up my parking space	1	0.4%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	128	29.0%
Riding the bus or train is inconvenient or takes too long	107	24.2%
Family care or similar obligations	53	12.0%
My commute distance is too short	51	11.5%
Other	41	9.3%
My job requires me to use my car for work	27	6.1%
Bicycling or walking isn't safe	18	4.1%
I need more information on alternative modes	16	3.6%
There isn't any secure or covered bicycle parking	1	0.2%

Employee Transit Use - All Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	2	0	0	4	1	0	1	0	0	5
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	1	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	1	0	1	0	0	0	0	1	1
6	0	0	0	1	0	0	0	0	0	0
7	0	0	0	1	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	2	0	0	0	0	0	0
11 or more	0	0	0	1	0	0	0	0	0	0
# Of Employees using Transit	2	1	0	11	1	0	1	0	1	6
Total One-Way Transit Trips Per Week	2	5	0	56	1	0	1	0	5	10

Employee Transit Use - Affected Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	1	0	0	2	1	0	1	0	0	4
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	1	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	1	1
6	0	0	0	1	0	0	0	0	0	0
7	0	0	0	1	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	2	0	0	0	0	0	0
11 or more	0	0	0	1	0	0	0	0	0	0
# Of Employees using Transit	1	0	0	8	1	0	1	0	1	5
Total One-Way Transit Trips Per Week	1	0	0	49	1	0	1	0	5	9

Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
	13	5.88%	30	0	0	0	0	0	0	0	0	0	0	0	0
1	1	0.45%	0	0	0	0	0	0	0	0	0	0	0	0	0
1778	1	0.45%	5	0	0	0	0	0	0	0	0	0	0	0	0
1955	1	0.45%	0	0	0	0	0	0	0	5	0	0	0	0	0
6618	1	0.45%	0	0	0	0	0	0	0	0	0	0	0	0	2
8	1	0.45%	5	0	0	0	0	0	0	0	0	0	0	0	0
8087	1	0.45%	0	0	0	0	0	0	0	0	0	0	0	0	0
88155	1	0.45%	5	0	0	0	0	0	0	0	0	0	0	0	0
8987	1	0.45%	5	0	0	0	0	0	0	0	0	0	0	0	0
9 087	1	0.45%	5	0	0	0	0	0	0	0	0	0	0	0	0
9 33	1	0.45%	5	0	0	0	0	0	0	0	0	0	0	0	0
9 43	1	0.45%	5	0	0	0	0	0	0	0	0	0	0	0	0
90330	1	0.45%	5	0	0	0	0	0	0	0	0	0	0	0	0
98002	1	0.45%	0	0	0	0	5	0	0	0	0	0	0	0	0
98003	1	0.45%	0	0	0	0	0	0	0	0	0	0	0	0	0
98006	1	0.45%	5	0	0	0	0	0	0	0	0	0	0	0	0
98007	1	0.45%	5	0	0	0	0	0	0	0	0	0	0	0	0
98011	2	0.90%	9	0	0	0	0	0	0	0	0	0	0	0	0
98012	5	2.26%	22	3	0	0	0	0	0	0	0	0	0	0	0
98020	2	0.90%	10	0	0	0	0	0	0	0	0	0	0	0	0
98021	1	0.45%	5	0	0	0	0	0	0	0	0	0	0	0	0
98023	1	0.45%	5	0	0	0	0	0	0	0	0	0	0	0	0
98026	9	4.07%	38	5	0	0	0	0	0	0	0	0	0	0	0
98027	1	0.45%	5	0	0	0	0	0	0	0	0	0	0	0	0
98031	2	0.90%	7	0	0	0	0	0	0	0	0	0	0	0	0
98032	1	0.45%	5	0	0	0	0	0	0	0	0	0	0	0	0



98033	1	0.45%	5	0	0	0	0	0	0	0	0	0	0	0	0
98034	1	0.45%	5	0	0	0	0	0	0	0	0	0	0	0	0
98036	4	1.81%	19	0	0	0	0	0	0	0	0	0	0	0	0
98037	10	4.52%	41	5	0	0	0	0	0	0	0	0	0	0	0
98043	11	4.98%	51	0	0	0	0	0	0	0	0	0	0	0	0
98052	3	1.36%	15	0	0	0	0	0	0	0	0	0	0	0	0
98055	1	0.45%	5	0	0	0	0	0	0	0	0	0	0	0	0
98056	1	0.45%	5	0	0	0	0	0	0	0	0	0	0	0	0
98058	2	0.90%	10	0	0	0	0	0	0	0	0	0	0	0	0
9806	1	0.45%	5	0	0	0	0	0	0	0	0	0	0	0	0
98072	1	0.45%	5	0	0	0	0	0	0	0	0	0	0	0	0
98087	8	3.62%	37	0	0	0	0	0	0	0	0	0	0	0	0
981	1	0.45%	6	0	0	0	0	0	0	0	0	0	0	0	0
98103	3	1.36%	9	0	0	0	5	0	0	0	0	0	0	0	0
98104	1	0.45%	0	0	0	0	4	0	0	0	0	0	0	0	0
98105	2	0.90%	8	3	0	0	0	0	0	0	0	0	0	0	0
98115	1	0.45%	5	0	0	0	0	0	0	0	0	0	0	0	0
98118	1	0.45%	6	0	0	0	0	0	0	0	0	0	0	0	0
98119	1	0.45%	4	0	0	0	0	0	0	0	0	0	0	0	0
98122	3	1.36%	6	0	0	0	9	0	0	0	0	0	0	0	0
98125	9	4.07%	37	5	0	0	6	0	0	0	0	0	0	0	0
98126	1	0.45%	5	0	0	0	0	0	0	0	0	0	0	0	0
98133	14	6.33%	62	0	0	0	5	0	5	0	0	0	0	0	0
9815	4	1.81%	20	0	0	0	0	0	0	0	0	0	0	0	0
98155	30	13.57%	121	3	0	5	12	0	0	5	0	0	0	0	0
98177	1	0.45%	5	0	0	0	0	0	0	0	0	0	0	0	0
98178	2	0.90%	10	0	0	0	0	0	0	0	0	0	0	0	0
98188	1	0.45%	5	0	0	0	0	0	0	0	0	0	0	0	0
98198	1	0.45%	5	0	0	0	0	0	0	0	0	0	0	0	0
98201	4	1.81%	19	0	0	0	0	0	0	0	0	0	0	0	0
98203	3	1.36%	15	0	0	0	0	0	0	0	0	0	0	0	0
98204	9	4.07%	39	0	0	0	0	0	0	0	0	0	0	0	0
98208	7	3.17%	35	0	0	0	0	0	0	0	0	0	0	0	2
98223	1	0.45%	5	0	0	0	0	0	0	0	0	0	0	0	0
98251	1	0.45%	5	0	0	0	0	0	0	0	0	0	0	0	0
98258	1	0.45%	4	0	0	0	0	0	0	0	0	0	0	0	0
98270	5	2.26%	16	7	0	0	0	0	0	0	0	0	0	0	0



98271	3	1.36%	15	0	0	0	0	0	0	0	0	0	0	0	0
98272	2	0.90%	10	0	0	0	0	0	0	0	0	0	0	0	0
98275	1	0.45%	4	0	0	0	0	0	0	0	0	0	0	0	0
98290	2	0.90%	10	0	0	0	0	0	0	0	0	0	0	0	0
98292	1	0.45%	5	0	0	0	0	0	0	0	0	0	0	0	0
98296	3	1.36%	15	0	0	0	0	0	0	0	0	0	0	0	0
98311	1	0.45%	0	0	0	0	0	0	0	0	0	0	6	0	0
98346	1	0.45%	0	0	0	0	0	0	0	0	0	0	0	5	0
98367	1	0.45%	2	0	0	0	0	0	0	0	0	0	0	0	0
98375	1	0.45%	0	5	0	0	0	0	0	0	0	0	0	0	0
98466	1	0.45%	5	0	0	0	0	0	0	0	0	0	0	0	0